

WHAT IS CLAIMED IS:

1. A sun dial comprising a housing, a light detector mounted on the housing exposed to detect ambient light, a logic circuit mounted in the housing for processing the detected light for determining over a preselected period of time the average light detected by the light detector, and an indicator to indicate upon demand, the average light detected during the preselected period of time.
2. A sun dial according to claim 1 wherein the logic circuit includes the processing of the detected light for determining the current light detected.
3. A sun dial according to claim 1 wherein the housing has mounted thereon switches to control the logic circuit.
4. A sun dial according to claim 1 wherein the logic circuit includes a data processor.
5. A sun dial according to claim 1 wherein LEDs are mounted on the housing to signal the average light detected.
6. A sun dial according to claim 5 wherein the LEDs selectively signal the current light and the average light.
7. A sun dial according to claim 1 wherein the logic circuit subtracts the times of darkness in computing the average light detected.
8. A sun dial according to claim 1 wherein the light detector is a photodetector including a threshold for controlling output.
9. A method for determining average light detected over a period of time comprising the steps of detecting light above a preselected threshold indicative of darkness, while noting the time of darkness, adjusting the period of time by subtracting the time of darkness from the period of time, calculating the average light detected over the adjusted period of time, and giving a visual indication of the average light detected.
10. A method for determining average light detected over a period of time according to claim 9 including the further step of selectively indicating the current light during the period of time.

11. A method for determining average light detected over a period of time according to claim 9 including the step of resetting after the period of time.
12. A method for determining average light detected over a period of time according to claim 11 including the further step of blocking reset until the expiration of the period of time.
13. A method for determining average light detected over a period of time according to claim 9 including the further step of providing the visual indication as one of a plurality of discrete increments.
14. A method for determining the average light in a given area of a room to be used for a plant comprising the steps of determining the average light received by the given area in a predetermined period of time, and providing a visual indication of the average light in order for a judicious selection of a plant for the given area can be made.